

that education, age, experiences, and department of obgyn (vs other departments) were the determinants of inefficiency. The most predominant factors contribute to the inefficiency was the obgyn department. This study recommends to adopts a single-dose prescription policy.

SP-114

Pediatricians' Role of Caring Preschool Children in Taiwan under the National Health Insurance Program

Ming-Chih Lin^{1,2}, Mei-Su Lai²

1. Taichung Veterans General Hospital, Taiwan

2. National Taiwan University, Taiwan

Background: The National Health Insurance (NHI) covers more than 98% of the 22 million people in Taiwan. Because referral is not mandated, competition among specialties exists in caring preschool children. The aim of this study was to analyze the utility of outpatient service among preschool children to investigate the pediatricians' role in caring preschool children. We also analyzed how the density of specialists induces demand by using the NHI database.

Methods: We used the systematic sampling file, CD20040, from the bureau of NHI, Taiwan, as the data source for analysis. We linked the file to the registries for medical personnel and the board-certified specialists to analyze the specialty distribution. We also linked to the registry for contracted medical facilities to analyze the distribution in different levels of hospitals. **Results:** In total, 56,144 outpatient visits for preschool children were analyzed. Among them, 59.1% of outpatient services for preschool children were provided by pediatric specialists, 20.7% by otolaryngologists, 13.5% by family medicine specialists, and the other 6.7% by general practitioners. Most of the visits occurred in the primary care setting (84.1%). As children grew older, a significant decline in the pediatric specialists' visit rate and an increase in the otolaryngologists' visit rate were observed in the primary care setting. Young children visited pediatric specialists more frequently. The pediatric specialists' visit rate was higher in the northern urban areas. It was also significantly correlated with the density of pediatricians. **Conclusion:** In summary, otolaryngologists compete with pediatricians in the primary care of preschool children in Taiwan. The proportion of visits to pediatric specialists was significantly correlated with the density of pediatricians among different counties. The NHI should modify its policy to make the medical system more equitable.

SP-115

Managerial Effectiveness of Universal Coverage Insurance Scheme in Thailand

Chardsumon Pruittipinyo, Nithat Sirichotiratana

Mahidol University, Thailand

The objective of this study is to evaluate managerial effectiveness of Universal Coverage Insurance 2006-2008. Analysis of secondary data from 3 resources (National Statistic Office, National Health Security Office and Assumption Business Administration College Poll) is the method of this study. Results indicated that 61.2 million Thai populations was covered by National Health Security Office (97.94%). Regarding quality assurance of primary care unit, there was an increase in competency of health workers and compliances with the standard of hospital assurance (HA) or ISO 9001:2000, from 91.36% to 94.33%. Even though there were health service providers for 5 work days per week, but there were problems such as standard of health care, delayed of services, follow up / referral system, refusal of treatments by providers and quality of pharmaceutical products. Analysis of the 3 data sources indicated that the universal coverage insurance was able to: 1) decrease household expenses, 2) increase quality of life for Thai population, 3) find no definite direction of other health funding, and 4) prevent litigation by paying compensation for those who received medical treatment errors. Recommendations for universal coverage insurance program are as followed, provide enough cash flow for primary care units; control cost of pharmaceutical products and increase quality by using co-payment concept, local budgeting and combining other health funds.

SP-116

Did Patients and Primary Clinic Physicians in the "Family Physician Integrated Health Care Program" Have the Same Expectations of Health Care Services? Yi-Chun Chen¹, Weir-Sen Lin², Hui-Fang Chen², Li-Ching Chung²

1. I-Shou University, Taiwan

2. Chia Nan University of Pharmacy & Science, Taiwan

In 2003, Bureau of National Health Insurance (BNHI) promoted "the family physician integrated health care program (FPIHCP)" to offer a complete and continuous health care for patients in Taiwan. In this program, BNHI provided patients in this program with 24-hours telephone consultant, primary health care, referrals, etc. But, did the contracted clinical physicians have intentions to providing these services and can these services meet participants' expectations? The purpose of this study is to focus on what kind of health care services clinic physicians would like to provide with and how these services meet demands of patients in the program. Clinical physicians and patients involved in FPIHCP were recruited in this study. Questionnaires sent out for all of 163 clinical physicians in southern Taiwan and 106 returned. Patients were randomly selected to respond the questionnaire with consents. A total of 454 patient questionnaires were used in this study. Contents of the measurement included demographic variables, 24-hours telephone consultant, informing patients to having health checkup, etc. Data were analyzed by SPSS10.0 statistical